

Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) Fall 2011

2011 GSS Code List Complete List of GSS Eligible Fields and Codes

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Do not include certificate programs or units that only award professional degrees, such as AuD, DArch, DDS, DED, DN, DNP, DO, DPM, DPT, DScPT, JD, MArch, MD, ND, OD, OTD, PharmD, or PsyD.

GSS Field Title	GSS Code	CIP Program Title
Agricultural Science Fields (see also Agricultural Engineering, 102)		
Agricultural Economics	901	<ul style="list-style-type: none"> • Agricultural Economics • Natural Resource Economics
Agricultural Sciences	501	<ul style="list-style-type: none"> • Agricultural and Horticultural Plant Breeding • Agricultural Animal Breeding • Agriculture, Agriculture Operations and Related Sciences • Agroecology and Sustainable Agriculture • Agronomy and Crop Science • Animal Health • Animal Nutrition • Animal Sciences • Dairy Science • Environmental Science • Environmental Studies • Fishing and Fisheries Sciences and Management • Food Science • Food Science and Technology • Food Technology and Processing • Forest Management/Forest Resources Management • Forest Resources Production and Management • Forest Sciences and Biology • Forestry • Horticultural Science • International Agriculture • Land Use Planning and Management/Development • Livestock Management • Natural Resources and Conservation • Natural Resources Conservation and Research • Natural Resources Management and Policy • Natural Resources/Conservation, General • Ornamental Horticulture • Plant Protection and Integrated Pest Management • Plant Sciences • Poultry Science • Range Science and Management • Soil Chemistry and Physics • Soil Microbiology • Soil Science and Agronomy • Soil Sciences • Urban Forestry • Water, Wetlands, and Marine Resources Management • Wildlife, Fish and Wildlands Science and Management • Wood Science and Wood Products/Pulp and Paper Technology

GSS Field Title	GSS Code	CIP Program Title
Architecture		
Architecture (<i>exclude MArch, DArch, and DED</i>)	940	<ul style="list-style-type: none"> • Architecture
Biological Science Fields		
Anatomy	601	<ul style="list-style-type: none"> • Anatomy
Biochemistry	602	<ul style="list-style-type: none"> • Biochemistry • Biochemistry and Molecular Biology • Biochemistry, Biophysics, and Molecular Biology, Other
Biology	603	<ul style="list-style-type: none"> • Biology • Biological Sciences
Biometry and Epidemiology	604	<ul style="list-style-type: none"> • Bioinformatics • Biomathematics • Biomathematics, Bioinformatics and Computational Biology, Other • Biometry/Biometrics • Biostatistics • Computational Biology • Epidemiology • Medical Informatics
Biophysics (<i>see also 203</i>)	605	<ul style="list-style-type: none"> • Biophysics
Botany and Plant Biology	606	<ul style="list-style-type: none"> • Botany/Plant Biology • Plant Molecular Biology • Plant Pathology/Phytopathology • Plant Physiology
Cell and Molecular Biology	607	<ul style="list-style-type: none"> • Cell Biology and Anatomy • Cell/Cellular and Molecular Biology • Cell/Cellular Biology and Anatomical Sciences • Cell/Cellular Biology and Histology • Developmental Biology and Embryology • Molecular Biochemistry • Molecular Biology • Molecular Biophysics • Photobiology • Structural Biology
Ecology	608	<ul style="list-style-type: none"> • Ecology
Entomology and Parasitology	609	<ul style="list-style-type: none"> • Entomology • Parasitology
Genetics	610	<ul style="list-style-type: none"> • Animal Genetics • Genetics • Genome Sciences/Genomics • Human/Medical Genetics • Microbial and Eukaryotic Genetics • Molecular Genetics • Plant Genetics
Microbiology, Immunology, and Virology	611	<ul style="list-style-type: none"> • Immunology • Medical Microbiology and Bacteriology • Microbiological sciences and Immunology • Microbiology and Immunology • Microbiology, General • Mycology • Virology
Neurobiology and Neuroscience	950	<ul style="list-style-type: none"> • Neuroanatomy • Neurobiology and Anatomy • Neurobiology and Behavior • Neuroscience • Neurobiology and Neurosciences, Other
Nutrition	612	<ul style="list-style-type: none"> • Foods, Nutrition, and Wellness Studies, General • Human Nutrition • Nutrition Science
Pathology	613	<ul style="list-style-type: none"> • Experimental Pathology • Pathology
Pharmacology and Toxicology	614	<ul style="list-style-type: none"> • Environmental Toxicology • Molecular Pharmacology • Molecular Toxicology • Neuropharmacology • Pharmacology • Pharmacology and Toxicology • Toxicology
Biological Science Fields continued next page		

GSS Field Title	GSS Code	CIP Program Title	
Physiology	615	<ul style="list-style-type: none"> • Aerospace Physiology and Medicine • Cell Physiology • Exercise Physiology • Molecular Physiology • Neurobiology and Neurophysiology • Oncology and Cancer Biology 	<ul style="list-style-type: none"> • Physiology • Physiology, Pathology, and Related Sciences • Reproductive Biology • Vision Science/Physiological Optics
Zoology	616	<ul style="list-style-type: none"> • Animal Behavior and Ethology • Animal Physiology 	<ul style="list-style-type: none"> • Wildlife Biology • Zoology/Animal Biology
Biosciences, not elsewhere classified	617	<ul style="list-style-type: none"> • Aquatic Biology/Limnology • Bioethics/Medical Ethics • Biological and Biomedical Sciences, Other • Biomedical Sciences • Biotechnology • Conservation Biology • Ecology and Evolutionary Biology 	<ul style="list-style-type: none"> • Ecology, Evolution, Systematics and Population Biology • Environmental Biology • Evolutionary Biology • Population Biology • Systematic Biology/Biological Systematics
Communication Fields			
Communication	930	<ul style="list-style-type: none"> • Communication and Media Studies • Communication, General • Digital Communication and Media/Multimedia • Health Communication • Mass Communication/Media Studies 	<ul style="list-style-type: none"> • Organizational Communication • Political Communication • Speech Communication and Rhetoric
Computer Science Fields			
Computer Science (<i>exclude DCS</i>)	401	<ul style="list-style-type: none"> • Artificial Intelligence • Computer and Information Sciences • Computer and Information Sciences and Support Services • Computer and Information Systems Security/Information Assurance • Computer Graphics • Computer Science • Computer Systems Analysis/Analyst 	<ul style="list-style-type: none"> • Computer Systems Networking and Telecommunications • Data Modeling/Warehousing and Database Administration • Informatics • Information Science/Studies • Information Technology • Modeling, Virtual Environments and Simulation
Earth, Atmospheric, and Ocean Science Fields			
Atmospheric Sciences	301	<ul style="list-style-type: none"> • Atmospheric Chemistry and Climatology • Atmospheric Physics and Dynamics 	<ul style="list-style-type: none"> • Atmospheric Science and Meteorology • Meteorology
Geosciences	302	<ul style="list-style-type: none"> • Geochemistry • Geochemistry and Petrology • Geological and Earth Sciences/Geosciences, Other • Geology/Earth Science, General 	<ul style="list-style-type: none"> • Geophysics and Seismology • Hydrology and Water Resources Science • Paleontology
Ocean Sciences	303	<ul style="list-style-type: none"> • Marine Biology and Biological Oceanography • Marine Sciences 	<ul style="list-style-type: none"> • Oceanography, Chemical and Physical
Earth, Atmospheric, and Ocean Sciences, not elsewhere classified	304		

GSS Field Title	GSS Code	CIP Program Title	
Engineering Fields			
Aerospace Engineering	101	<ul style="list-style-type: none"> • Aeronautical Engineering • Aerospace Engineering 	<ul style="list-style-type: none"> • Astronautical/Space Engineering
Agricultural Engineering	102	<ul style="list-style-type: none"> • Agricultural Engineering 	
Biological and Biosystems Engineering	115	<ul style="list-style-type: none"> • Biological Engineering • Biosystems Engineering 	<ul style="list-style-type: none"> • Biological/Biosystems Engineering
Biomedical Engineering	103	<ul style="list-style-type: none"> • Bioengineering • Biomedical Engineering 	<ul style="list-style-type: none"> • Biomedical Technology/Technician (<i>exclude master's</i>)
Chemical Engineering	104	<ul style="list-style-type: none"> • Biochemical Engineering • Chemical and Biomolecular Engineering 	<ul style="list-style-type: none"> • Chemical Engineering • Engineering Chemistry
Civil Engineering	105	<ul style="list-style-type: none"> • Architectural Engineering • Civil Engineering • Environmental/Environmental Health Engineering • Geotechnical and Geoenvironmental Engineering 	<ul style="list-style-type: none"> • Structural Engineering • Surveying Engineering • Transportation and Highway Engineering • Water Resources Engineering
Electrical Engineering	106	<ul style="list-style-type: none"> • Computer Engineering • Computer Hardware Engineering • Computer Software Engineering • Electrical Engineering • Electronics Engineering 	<ul style="list-style-type: none"> • Laser and Optical Engineering • Telecommunications Engineering • Electrical, Electronics and Communications Engineering, Other
Engineering Science, Mechanics and Physics	107	<ul style="list-style-type: none"> • Engineering Mechanics • Engineering Physics/Applied Physics 	<ul style="list-style-type: none"> • Engineering Science
Industrial and Manufacturing Engineering	108	<ul style="list-style-type: none"> • Industrial Engineering • Manufacturing Engineering 	<ul style="list-style-type: none"> • Operations Research • Systems Engineering
Mechanical Engineering	109	<ul style="list-style-type: none"> • Electromechanical Engineering • Mechanical Engineering 	<ul style="list-style-type: none"> • Mechatronics, Robotics, and Automation Engineering
Metallurgical and Materials Engineering (<i>see also 205</i>)	110	<ul style="list-style-type: none"> • Ceramic Sciences and Engineering • Materials Engineering • Metallurgical Engineering 	<ul style="list-style-type: none"> • Paper Science and Engineering • Polymer/Plastics Engineering • Textile Sciences and Engineering
Mining Engineering	111	<ul style="list-style-type: none"> • Geological/Geophysical Engineering • Mineral Engineering 	<ul style="list-style-type: none"> • Mining Engineering
Nuclear Engineering	112	<ul style="list-style-type: none"> • Nuclear Engineering 	
Petroleum Engineering	113	<ul style="list-style-type: none"> • Petroleum Engineering 	
Engineering, not elsewhere classified	114	<ul style="list-style-type: none"> • Construction Engineering • Engineering Design • Engineering, General • Forest Engineering 	<ul style="list-style-type: none"> • Naval Architecture and Marine Engineering • Ocean Engineering
Nanotechnology	116	<ul style="list-style-type: none"> • Nanotechnology 	
Family and Consumer Sciences, and Human Sciences Fields			
Family and Consumer Sciences, and Human Sciences	920	<ul style="list-style-type: none"> • Adult Development and Aging • Business Family and Consumer Sciences/Human Sciences • Child Development • Consumer Economics • Family and Consumer Sciences/Human Sciences, General 	<ul style="list-style-type: none"> • Family Systems • Housing and Human Environments • Human Development and Family Studies • Textile Science

GSS Field Title	GSS Code	CIP Program Title	
Health Fields			
Anesthesiology (<i>exclude master's and DNP</i>)	701	• Nurse Anesthetist (<i>exclude master's and DNP</i>)	
Cardiovascular Science	702	• Cardiovascular Science	• Cardiovascular Diseases
Communication Disorders Sciences	723	• Audiology/Audiologist (<i>exclude AuD</i>) • Audiology/Audiologist and Speech Language Pathology/Pathologist • Communication Disorders Sciences, General	• Communication Disorders Sciences and Services, Other • Speech-Language Pathology/Pathologist
Dental Sciences	718	• Advanced/Graduate Dentistry and Oral Sciences, Other (<i>exclude DDS</i>) • Dental Clinical Sciences, General • Dental Materials • Dental Public Health and Education • Endodontics/Endodontology	• Oral Biology and Oral and Maxillofacial Pathology • Oral/Maxillofacial Surgery • Orthodontics/Orthodontology • Pediatric Dentistry/Pedodontics • Periodontics/Periodontology • Prosthodontics/Prosthodontology
Endocrinology	704	• Pediatric Endocrinology	
Gastroenterology	705		
Hematology	706	• Pediatric Hematology	
Neurology	707		
Nursing Science (<i>include research master's and PhD only</i>)	719	• Nursing Science	
Nursing (<i>exclude master's, ND, and DNP</i>)	719	• Registered Nursing (<i>exclude master's</i>) • Nursing Administration (<i>exclude master's</i>)	• Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other (<i>exclude master's</i>)
Obstetrics and Gynecology	708		
Oncology and Cancer Research	703	• Pediatric Oncology	
Ophthalmology (<i>exclude OD</i>)	709		
Otorhinolaryngology	710		
Pediatrics	711	• Prematurity and Newborn	
Pharmaceutical Sciences (<i>exclude PharmD</i>)	720	• Clinical and Industrial Drug Development • Industrial and Physical Pharmacy and Cosmetic Sciences • Medicinal and Pharmaceutical Chemistry • Natural Products Chemistry and Pharmacognosy • Pharmaceutical Sciences	• Pharmaceuticals and Drug Design • Pharmacoeconomics/Pharmaceutical Economics • Pharmacy Administration/Policy/Regulatory Affairs (<i>exclude master's</i>) • Pharmacy, Pharmaceutical Sciences, and Administration, Other (<i>exclude master's</i>)
Preventive Medicine and Community Health	712	• Community Health and Preventive Medicine • Environmental Health • Health Services/Allied Health/Health Sciences • Health/Medical Physics • International Public Health/International Health	• Maternal and Child Health • Occupational Health and Industrial Hygiene • Public Health Education and Promotion • Public Health

Health Fields continued next page

GSS Field Title	GSS Code	CIP Program Title	
Psychiatry	713	• Behavioral Medicine (<i>clinical</i>)	• Child Psychiatry
Pulmonary Disease	714		
Radiology	715	• Radiation Biology/Radiobiology • Radiation Oncology/Therapeutic Radiology	• Radiation Protection/Health Physics Technician
Surgery	716	• Orthopedics/Orthopedic Surgery	
Veterinary Sciences (<i>exclude DVM</i>)	721	• Comparative and Laboratory Animal Medicine • Large Animal/Food Animal and Equine Surgery/Medicine • Small/Companion Animal Surgery and Medicine • Veterinary Anatomy • Veterinary Biomedical and Clinical Sciences • Veterinary Sciences/Veterinary and Clinical Sciences	• Veterinary Infectious Diseases • Veterinary Medicine • Veterinary Microbiology and Immunobiology • Veterinary Pathology and Pathobiology • Veterinary Physiology • Veterinary Preventive Medicine Epidemiology/Public Health • Veterinary Toxicology and Pharmacology
Clinical Medicine, not elsewhere classified (<i>exclude DN, OD, DO, DPM, and MD</i>)	717	• Aerospace Medicine • Allergy • Clinical Laboratory Medicine • Clinical/Medical Laboratory Science and Allied Professions, Other (<i>exclude master's</i>) • Complementary and Alternative Medicine • Connective Tissue Diseases • Critical Care Medicine • Dermatology • Diabetes • Emergency Medicine • Infectious Diseases • Internal Medicine	• Gene Therapy • HIV/AIDS • Liver Diseases • Medical Scientist (<i>exclude MD</i>) • Metabolic diseases • Molecular Medicine • Nephrology • Neurology/Neurosurgery • Occupational Medicine • Palliative Care • Physical Medicine and Rehabilitation/Physiatry • Trauma • Urology
Health-Related, not elsewhere classified	722	• Kinesiology and Exercise Science • Health Professions and Related Clinical Sciences, Other (<i>exclude master's</i>) • Occupational Therapy/Therapist (<i>exclude master's and OTD</i>)	• Physical Therapy/Therapist (<i>exclude master's, DPT, and DScPT</i>) • Rehabilitation Science
Interdisciplinary Fields – see <i>Multidisciplinary and Interdisciplinary Studies</i> on page 9			
Mathematical Science Fields			
Mathematics and Applied Mathematics	402	• Algebra and Number Theory • Analysis and Functional Analysis • Applied Mathematics • Computational Mathematics • Computational and Applied Mathematics	• Financial Mathematics • Geometry/Geometric Analysis • Mathematics • Mathematical Biology • Topology and Foundations
Statistics	403	• Mathematics and Statistics • Mathematical Statistics and Probability	• Statistics
Multidisciplinary Fields – see <i>Multidisciplinary and Interdisciplinary Studies</i> on page 9			

GSS Field Title	GSS Code	CIP Program Title	
Neuroscience Fields			
Neurobiology and Neuroscience	950	<ul style="list-style-type: none"> • Neuroanatomy • Neurobiology and Anatomy • Neurobiology and Behavior 	<ul style="list-style-type: none"> • Neuroscience • Neurobiology and Neurosciences, Other
Physical Science Fields			
Astronomy and Astrophysics	201	<ul style="list-style-type: none"> • Astronomy • Astronomy and Astrophysics, Other 	<ul style="list-style-type: none"> • Astrophysics • Planetary Astronomy and Science
Biochemistry	602	<ul style="list-style-type: none"> • Biochemistry • Biochemistry and Molecular Biology 	<ul style="list-style-type: none"> • Biochemistry, Biophysics and Molecular Biology, Other
Chemistry	202	<ul style="list-style-type: none"> • Analytical Chemistry • Chemical Physics • Chemistry • Environmental Chemistry • Forensic Chemistry 	<ul style="list-style-type: none"> • Inorganic Chemistry • Organic Chemistry • Physical Chemistry • Polymer Chemistry • Theoretical Chemistry
Materials Sciences	205	<ul style="list-style-type: none"> • Materials Chemistry • Materials Science 	<ul style="list-style-type: none"> • Materials Sciences, Other
Physics (<i>see also 605</i>)	203	<ul style="list-style-type: none"> • Acoustics • Atomic/Molecular Physics • Condensed Matter and Materials Physics • Elementary Particle Physics • Nuclear Physics 	<ul style="list-style-type: none"> • Optics/Optical Sciences • Physics • Plasma and High-Temperature Physics • Theoretical and Mathematical Physics
Physical Sciences, not elsewhere classified	204	<ul style="list-style-type: none"> • Physical Sciences 	<ul style="list-style-type: none"> • Physical Sciences, Other
Psychology Fields			
Clinical Psychology (<i>exclude PsyD</i>)	803	<ul style="list-style-type: none"> • Clinical Psychology 	<ul style="list-style-type: none"> • Clinical Child Psychology
Psychology, General	801	<ul style="list-style-type: none"> • Psychology, General 	
Psychology, except Clinical	802	<ul style="list-style-type: none"> • Applied Behavior Analysis • Applied Psychology • Clinical, Counseling and Applied Psychology, Other • Cognitive Psychology and Psycholinguistics • Community Psychology • Comparative Psychology • Counseling Psychology • Developmental and Child Psychology • Educational Psychology • Environmental Psychology • Experimental Psychology • Family Psychology 	<ul style="list-style-type: none"> • Forensic Psychology • Geropsychology • Health Psychology • Industrial and Organizational Psychology • Personality Psychology • Physiological Psychology/Psychobiology • Psychology, Other • Psychometrics and Quantitative Psychology • Psychopharmacology • Research and Experimental Psychology, Other • School Psychology • Social Psychology

GSS Field Title	GSS Code	CIP Program Title	
Social Science Fields			
Agricultural Economics (see also 903)	901	<ul style="list-style-type: none"> • Agricultural Economics 	<ul style="list-style-type: none"> • Natural Resource Economics
Anthropology	902	<ul style="list-style-type: none"> • Anthropology • Archeology • Cultural Anthropology 	<ul style="list-style-type: none"> • Medical Anthropology • Physical and Biological Anthropology
Criminal Justice - Safety Studies	911	<ul style="list-style-type: none"> • Criminal Justice - Safety Studies (exclude Criminal Justice - Law Enforcement Administration and Criminal Justice - Police Science Programs) 	
Economics (see also 901)	903	<ul style="list-style-type: none"> • Applied Economics • Business/Managerial Economics • Development Economics and International Development 	<ul style="list-style-type: none"> • Economics • Econometrics and Quantitative Economics • International Economics
Geography	904	<ul style="list-style-type: none"> • Geographic Information Science and Cartography 	<ul style="list-style-type: none"> • Geography
History and Philosophy of Science (combined program)	905	<ul style="list-style-type: none"> • History and Philosophy of Science/Technology 	
International Relations and National Security Studies	912	<ul style="list-style-type: none"> • International Relations and Affairs • International Relations and National Security Studies, Other 	<ul style="list-style-type: none"> • National Security Policy Studies
Linguistics	906	<ul style="list-style-type: none"> • Applied Linguistics • Linguistics 	<ul style="list-style-type: none"> • Linguistics of ASL, and Other Sign Languages
Political Science and Government	907	<ul style="list-style-type: none"> • American Government and Politics • Canadian Government and Politics 	<ul style="list-style-type: none"> • Political Economy • Political Science and Government, Other
Public Administration	913	<ul style="list-style-type: none"> • Public Administration 	
Public Policy Analysis	914	<ul style="list-style-type: none"> • Health Policy Analysis • International Policy Analysis 	<ul style="list-style-type: none"> • Policy Analysis • Public Policy Analysis
Sociology	908	<ul style="list-style-type: none"> • Demography and Population Studies • Rural Sociology 	<ul style="list-style-type: none"> • Sociology
Sociology and Anthropology (combined program)	909	<ul style="list-style-type: none"> • Sociology and Anthropology 	
Social Science Fields continued next page			

GSS Field Title	GSS Code	CIP Program Title
Social Sciences, not elsewhere classified	910	<ul style="list-style-type: none"> • African Studies • African-American/Black Studies • American Indian/Native American Studies • American/United States Studies/Civilization • Area Studies • Asian Studies/Civilization • Asian-American Studies • Balkans Studies • Baltic Studies • Canadian Studies • Caribbean Studies • Russian, Central European, East European and Eurasian Studies • Chinese Studies • Commonwealth Studies • Criminology • Deaf Studies • Disability Studies • East Asian Studies • Ethnic Studies • Ethnic, Cultural Minority, and Gender Studies, Other • European Studies/Civilization • Folklore Studies • French Studies • Gay/Lesbian Studies • German Studies • Hispanic-American, Puerto Rican, Mexican American/Chicano Studies • Holocaust and Related Studies • Intercultural/Multicultural and Diversity Studies • International/Global Studies • Irish Studies • Italian Studies • Japanese Studies • Korean Studies • Latin American and Caribbean Studies • Latin American Studies • Near and Middle Eastern Studies • Organizational Behavior Studies • Pacific Area/Pacific Rim Studies • Polish Studies • Regional Studies (<i>US, Canadian, Foreign</i>) • Research Methodology and Quantitative Methods • Russian Studies • Scandinavian Studies • Slavic Studies • Social Sciences, General • South Asian Studies • Southeast Asian Studies • Spanish and Iberian Studies • Tibetan Studies • Ukraine Studies • Ural-Altai and Central Asian Studies • Urban Affairs/Studies • Western European Studies • Women's Studies
Multidisciplinary and Interdisciplinary Studies		
Multidisciplinary and Interdisciplinary Studies (include only fields with a science, engineering or health component)	980	<ul style="list-style-type: none"> • Accounting and Computer Science (<i>combined program</i>) • Behavioral Sciences • Biological and Physical Sciences • Biopsychology • Cognitive Science • Computational Science • Gerontology • Human Biology • Human Computer Interaction • Mathematics and Computer Science (<i>combined program</i>) • Natural Sciences • Peace Studies and Conflict Resolution • Science, Technology and Society • Systems Science and Theory